International Application No

PCT/FR2004/002057 A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 A61K39/395 A61P37/02 A61P35/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS C. DOCUMENTS CONSIDERED TO BE RELEVANT Challen of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO 01/77181 Al (GLACET ARNAUD ET AL) 18 October 2001 (2001-10-18) page 35, line 23 - page 37, line 14; 1-9. Х 13-15 claims 1-32 KUMPEL B M ET AL: "Clearance of red cells X by monoclonal IgG3 anti-D in vivo is 13-15 affected by the VF polymorphism of FcgammaRIIIa (CD16)." CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol. 132, no. 1, April 2003 (2003-04), pages 81-86, XP001193742 ISSN: 0009-9104 cited in the application the whole document Further documents are listed in the continuation of box C. Patent family mombers are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document dofining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the ίπνεπίση "E" earlier document but published on or after the international "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the International filing date but later than the priority date cialmed "&" document member of the same patent family Date of the actual complotion of the international search Date of malling of the International search report 1 4 DG. 2005 31 May 2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Le Flao, K

Form PCT/ISA/210 (second shoot) (January 2004)

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		PC1/FR201	PCT/FR2004/002057					
	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category "	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.					
A	SHINKAWA T ET AL: "The absence of fucose but not the presence of galactose or bisecting N-acetylglucosamine of human IgGl complex-type oligosaccharides shows the critical role of enhancing antibody-dependent cellular cytotoxicity" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US,		1-9, 13-15					
	vol. 278, no. 5, 31 January 2003 (2003-01-31), pages 3466-3473, XP002965857 ISSN: 0021-9258 cited in the application page 3466, left-hand column page 3471, left-hand column, last paragraph - page 3473, left-hand column, paragraph 1							
A	EP 0 576 093 A1 (ASSOCIATION POUR L'ESSOR DE LA TRANSFUSION SANGUINE DANS LA REGION DU) 29 December 1993 (1993-12-29) page 3, line 11 - line 37		1-9, 13-15					
A	UMANA P ET AL: "ENGINEERED GLYCOFORMS OF AN ANTINEUROBLASTOMA IGG1 WITH OPTIMIZED ANTIBODY-DEPENDENT CELLULAR CYTOTOXIC ACTIVITY" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 17, February 1999 (1999-02), pages 176-180, XP002921620 ISSN: 1087-0156 cited in the application page 176, left-hand column, paragraph 2 - right-hand column, paragraph 2; figure 1		1-9, 13-15					
A	SHIELDS R L ET AL: "Lack of fucose on human IgG1 N-linked oligosaccharide improves binding to human FcgammaRIII and antibody-dependent cellular toxicity" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD. US.		1-9, 13-15					
	vol. 277, no. 30, 26 July 2002 (2002-07-26), pages 26733-26740, XP002964542 ISSN: 0021-9258 cited in the application the whole document							
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International Application No PCT/FR2004/002057

Category •	nilon) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Calonol y .	Chance of Second of the molecular, which appropriate, of the lateral (passages	Relevant to claim No.	
X	CARTRON GUILLAUMÉ ET AL: "Therapeutic activity of humanized anti-CD20 monoclonal antibody and polymorphism in IgG Fc receptor FcgammaRIIIa gene" BLOOD, vol. 98, no. 11 Part 1, 16 November 2001 (2001-11-16), page 602a, XP001193741 & 43RD ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY, PART 1; ORLANDO,		1-15
	FLORIDA, USA: DECEMBER 07-11, 2001 ISSN: 0006-4971 cited in the application the whole document		
	CROWE J S ET AL: "HUMANIZED MONOCLONAL ANTIBODY CAMPATH-1H MYELOMA CELL EXPRESSION OF GENOMIC CONSTRUCTS NUCLEOTIDE SEQUENCE OF CDNA CONSTRUCTS AND COMPARISON OF EFFECTOR MECHANISMS OF MYELOMA AND CHINESE HAMSTER OVARY CELL-DERIVED MATERIAL" CLINICAL AND EXPERIMENTAL IMMUNOLOGY, OXFORD, GB, vol. 87, no. 1, 1992, pages 105-110, XP008034008 ISSN: 0009-9104 page 106, left-hand column, paragraph 2 page 107, right-hand column, line 10 - line 56		1,6-10, 12-15
	LIFELY M R (REPRINT) ET AL: "Glycosylation and biological-activity of CAMPATH-IH expressed in different cell-lines and grown under different culture conditions" GLYCOBIOLOGY, IRL PRESS,, GB, vol. 5, no. 8, December 1995 (1995-12), pages 813-822, XP002096118 ISSN: 0959-6658 the whole document		1,6-10, 12-15
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Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)					
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
	·					
2.	Claims Nos.:					
	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:					
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Вох П	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)					
This Inte	mational Searching Authority found multiple inventions in this international application, as follows:					
1. X	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.					
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:					
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:					
Remark	on Protest The additional search fees were accompanied by the applicant's protest.					
	No protest accompanied the payment of additional search fees.					

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1992)

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The International Searching Authority has determined that this international application contains multiple (groups of) inventions, namely:

1. Claims 1-9 and 13-15 (in part)

Use of an anti-Rhesus D antibody for preparing a drug.

2. Claims 1-9 and 13-15 (in part), 10-12

Use of an anti-HLD-DR or anti-CD20 antibody according to claim 12 for preparing a drug.

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Information on patent family members

International Application No PCT/FR2004/002057

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0177181	A1	18-10-2001	FR AU CA EP EP WO JP US	2807767 A1 5485801 A 2406033 A1 1272527 A2 1518864 A2 0177181 A2 2003534781 T 2003175969 A1	19-10-2001 23-10-2001 18-10-2001 08-01-2003 30-03-2005 18-10-2001 25-11-2003 18-09-2003
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